

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) An electronic whiteboard comprising:

a writing input portion having a surface writing layer, an under layer, an input induction layer disposed between said surface writing layer and said under layer, and an output;

a control circuit connected to said output of said writing input portion; and

a covering frame formed around peripheries of said writing input portion;

wherein said input induction layer has a plurality of electromagnetic induction layers overlaid one another and position reference columns provided around said electromagnetic induction layers, and each electromagnetic induction layer has a wire lattice comprising:

~~a single~~ first ~~wire~~ wires wound on said wire lattice, each of said first ~~wire~~ wires being wound around said position reference columns with multiple turns to form a plurality of loops with a plurality of latitudes substantially uniformly distributed across said wire lattice;

~~a single~~ second ~~wire~~ wires interlaced with said first ~~wires~~ wire, each of said second ~~wire~~ wires being wound around said position reference columns with multiple turns to form a plurality of loops with a plurality of longitudes substantially uniformly distributed across said wire lattice; and

a plurality of induction cells each induction cell being a space surrounded by two adjacent longitudes and two adjacent latitudes;

and wherein said first ~~wire~~ wires and second ~~wire~~ wires are enameled wires that are entirely covered or coated by an insulating layer and are insulated from each other, ~~and~~ the induction cells of one electromagnetic induction layer overlay and interlace with the induction cells of another electromagnetic induction layer, and the size of each induction cell on one electromagnetic induction layer is different from the size of each induction cell on another electromagnetic induction layer.

2. (Previously Presented) The electronic whiteboard according to claim 1, wherein said input induction layer covers an area which is the same as or smaller than the areas covered by said surface writing layer and said underlayer.
3. (Previously Presented) The electronic whiteboard according to claim 2, wherein said input induction layer is positioned at one side or in the center of a writing area of said writing input portion.
4. (Previously Presented) The electronic whiteboard according to claim 1, wherein a shielding layer is provided behind said input induction.
5. (Previously Presented) The electronic whiteboard according to claim 4, wherein a buffering layer is provided between said input induction layer and said underlayer, or between said input induction layer and said shielding layer.
- 6-9. (Cancelled).
10. (Previously Presented) The electronic whiteboard according to claim 1, wherein said wire lattice is attached and fixed on an insulating membrane.
11. (Previously Presented) The electronic whiteboard according to claim 10, wherein said

insulating membrane is made of film material.

12-15 (Cancelled).

16. (Previously Presented) The electronic whiteboard according to claim 1, wherein said control circuit includes circuits for signal amplification, filtering acquisition and data processing, and is provided with a signal output device and/or a storing device; said signal output device comprises an electrical cable with standard computer data interface or wireless data switching means; said signal output device connects with a computer and/or a printer, or an external data storing device, or connects with a telephone line by an auxiliary modem.

17-18. (Cancelled).

19. (Previously Presented) The electronic whiteboard according to claim 1, wherein said control circuit and said input induction layer are directly connected, components of said control circuit are positioned on an output end of said wire lattice, and said ~~the~~ control circuit is formed in a body of the electronic whiteboard.

20. (Previously Presented) The electronic whiteboard according to claim 1, wherein components of said control circuit are provided on a printed circuit board which is separated from said input induction layer; an output end of said wire lattice of said input induction layer is connected to a corresponding input terminal on the printed circuit board by means of pressure-connection, plug-in connection or welding connection.

21. (Previously Presented) The electronic whiteboard according to claim 20, wherein said

output end of said wire lattice of said input induction layer is formed between a hard pressing strip and the printed circuit board; a buffering layer is provided between the hard pressing strip and said output end of said wire lattice; and the hard pressing strip, the buffering layer and said output end of said wire lattice are overlaid on the printed circuit board by means of screwing-conjunction; said output end of said wire lattice is connected to a corresponding input terminal on the printed circuit board.

22. (Cancelled).

23. (Previously Presented) The electronic whiteboard according to claim 20, wherein the control circuit is installed outside a body of said electronic whiteboard, and connected to the body through an electrical connection means, said output end of said wire lattice of said input induction layer is connected with an output interface of said input induction layer by means of pressure-connection, plug-in connection or welding-connection, and an interface matching said output interface of the induction layer is provided on the control circuit.

24. (Cancelled).

25. (Previously Presented) The electronic whiteboard according to claim 23, wherein said output interface of said input induction layer and the interface of the control circuit is a pin-type connection means, or a flexible printed wiring means, or a PIN-PIN connection means, or a welding spot (VGA) thermal-melted connection means, or an ultrasonic welding device, or a solder-plate welding device, or a puncturing connection means.

26-27. (Cancelled).

28. (Previously Presented) The electronic whiteboard according to claim 1, wherein said writing input portion and said covering frame around said writing input portion are made of flexible and windable material, and the electronic whiteboard is windable and portable.

29-30. (Cancelled).